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**From:** McAlpine, Jerrold [McAlpine.Jay@epa.gov]  
**Sent:** 1/5/2022 3:00:46 AM  
**To:** Bird, Patrick [Bird.Patrick@epa.gov]  
**Subject:** RE: WRF/MMIF/AERCOARE Modeling?

Wow, that would probably be best – a single link; yes, please provide.

Jay

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**From:** Bird, Patrick <Bird.Patrick@epa.gov>  
**Sent:** Tuesday, January 4, 2022 5:18 PM  
**To:** McAlpine, Jerrold <McAlpine.Jay@epa.gov>  
**Subject:** RE: WRF/MMIF/AERCOARE Modeling?

Hi Jay,

I am fine with you sharing these files. If you cannot find them on ATMOS, we also have all modeling files on a temporary FTP site. I can get you the address to that if you're having trouble finding them on your own.

Pat

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**From:** McAlpine, Jerrold <McAlpine.Jay@epa.gov>  
**Sent:** Tuesday, January 4, 2022 5:26 PM  
**To:** Bird, Patrick <Bird.Patrick@epa.gov>  
**Subject:** FW: WRF/MMIF/AERCOARE Modeling?

Pat,

OAQPS is looking for WRF-MMIF outputs and dispersion modeling files for testing of software updates. You can see from the thread below my mention of the South Fork Wind work. Would Region 1 be OK with sharing the modeling files from the project?

I believe most of the files may still be on the ATMOS cluster computer, so I can likely do the sharing myself by identifying the location and sending links. I'll need to do a search. I don't believe we need the actual dispersion modeling files, just the inputs that are on ATMOS.

Thank you,  
Jay



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**From:** Tillerson, Clint <Tillerson.Clint@epa.gov>  
**Sent:** Tuesday, January 4, 2022 1:04 PM  
**To:** McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Colecchia, Annamaria <Colecchia.Annamaria@epa.gov>; Sareen, Neha <sareen.neha@epa.gov>; Mohr, Ashley <Mohr.Ashley@epa.gov>; Snyder, Michelle <michelle.snyder@woodplc.com>

**Cc:** Thurman, James <Thurman.James@epa.gov>; Misenis, Chris <Misenis.Chris@epa.gov>  
**Subject:** RE: WRF/MMIF/AERCOARE Modeling?

Jay, that would be good to have and may be useful if you don't mind reaching out and asking for them. Thanks!

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**From:** McAlpine, Jerrold <McAlpine.Jay@epa.gov>  
**Sent:** Tuesday, January 4, 2022 3:47 PM  
**To:** Tillerson, Clint <Tillerson.Clint@epa.gov>; Colecchia, Annamaria <Colecchia.Annamaria@epa.gov>; Sareen, Neha <sareen.neha@epa.gov>; Mohr, Ashley <Mohr.Ashley@epa.gov>; Snyder, Michelle <michelle.snyder@woodplc.com>  
**Cc:** Thurman, James <Thurman.James@epa.gov>; Misenis, Chris <Misenis.Chris@epa.gov>  
**Subject:** RE: WRF/MMIF/AERCOARE Modeling?

Also, thank you to Annamaria's reminder -- Region 1's recent South Fork Wind PSD project used WRF-MMIF to provide AERCOARE inputs that were reconfigured to be used in OCD. It's not quite AERCOARE-AERMOD, but thought it was worth a mention. If it is useful, I do not have the files myself, but could reach out to the R1 permits team.

Jay

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**From:** Tillerson, Clint <Tillerson.Clint@epa.gov>  
**Sent:** Tuesday, January 4, 2022 11:52 AM  
**To:** Colecchia, Annamaria <Colecchia.Annamaria@epa.gov>; Sareen, Neha <sareen.neha@epa.gov>; McAlpine, Jerrold <McAlpine.Jay@epa.gov>; Mohr, Ashley <Mohr.Ashley@epa.gov>; Snyder, Michelle <michelle.snyder@woodplc.com>  
**Cc:** Thurman, James <Thurman.James@epa.gov>; Misenis, Chris <Misenis.Chris@epa.gov>  
**Subject:** WRF/MMIF/AERCOARE Modeling?

All,

I am looking for any modeling that has been performed using WRF data, processed with AERCOARE (or the COARE algorithm) and modeled with AERMOD. This is for testing/comparison/eval of the WRF/MMIF/AERMET process using the draft versions of MMIF/AERMET. Are any of you aware of any modeling that might be useful that you could point me at or provide?

I am not aware of anything that already exists, but I am not aware of a lot of things. 😊

Thanks!  
Clint

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